



C30 Raw Natural Gas MicroTurbine Performance Specifications⁽¹⁾

Electrical Performance

Electrical Power Output	30 kW
Voltage	400 to 480 VAC
Electrical Service	3-Phase
Frequency	50/60 Hz, Grid Connect Operation 10–60 Hz, Stand Alone Operation
Maximum Output Current	46A, Grid Connect Operation 54A, Stand Alone Operation ⁽²⁾
Electrical Efficiency LHV	26%

Fuel/Engine Characteristics

Raw Natural Gas HHV	825 to 1,275 BTU/scf
Inlet Pressure	55–60 psig (3.8–4.1 barg)
H ₂ S Content	< 70,000 ppmv
Fuel Flow LHV	394,000 BTU/hr (415,000 kJ/hr)
Generator Heat Rate LHV	12,200 BTU/kWh (12,900 kJ/kWh)

Exhaust Characteristics

Exhaust Gas Flow	0.69 lb/sec (0.31 kg/s)
Exhaust Gas Temperature	530°F (275°C)

Dimensions & Weight

Width x Depth x Height	30 x 60 x 77 inches
Weight - Grid Connect Model	891 lbs (405 kg)
Weight - Dual Mode Model	1,271 lbs (578 kg)

Certifications

Classified UL 2200 and UL 1741 for raw natural gas operation (UL file AU5040)
 Meets statewide utility interconnection requirements for California Rule 21 and the New York State Public Service Commission
 Materials Equipment Acceptance (MEA) approval for New York City
 Models available with optional equipment for CE Marking

(1) Nominal full power performance at ISO conditions: 59°F, 14.696 psia, 60% RH
 (2) With linear load

Specifications are not warranted and are subject to change without notice.

